WO 2005/046595 PCT/US2004/037090

FIG. 1

FIG. 2

STRUCTURE A2

FIG. 3

STRUCTURE A3

FIG. 4

FIG. 5

COMPLEX C3

COMPLEX C4

FIG. 7

STRUCTURE A7

COMPLEX C6

FIG. 8

FIG. 9

COMPLEX C7

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COMPLEX C8

FIG. 11

COMPLEX C10

FIG. 12

Ar1 and Ar2:

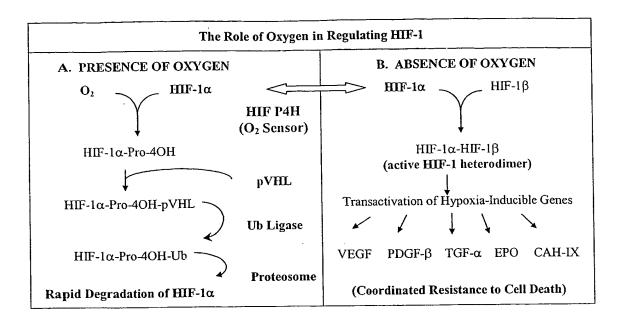


FIG. 14

HEK 293 Cells	Lanes	1	2	3	4	5	6	7	8	Normoxia
	DBM (μM)	0	100	100	100	100	0	0	0	
		0	0	25	50	100	25	50	100	
	Zn ²⁺ (μM) DBM:Zn ²⁺			4:1	2:1	1:1				

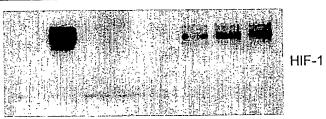


FIG. 15

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A. HT144 Cells		<u> </u>	2	3	4	5	Hypoxia
&	DBM (μM)	0	0	100	100	100	
B. HEK 293 Cells	Zn^{2+} (μ M)	0	100	0	100	0	
	Fe ³⁺ (μM)	0	0	0	0	25	
	A.						HIF-1α
	В.						ΗΙΓ-1α

FIG. 16

HEK 293 Cells	Lanes	1	2	3	4	Normoxia
	DBM (μM)	0	100	0	100	
•	Zn^{2+} (μM)	0	0	100	100	_
						HIF-1α β-Actin

FIG. 17

Lanes	1	2	3	4	5	6	7	8	9	Normoxia
DBM (μM)	0	100	0	100	0	0	100	100	100	
$Zn^{2+}(\mu M)$	0	0	50	50	0	50	0	50	50	
MG-132 (μM)	0	0	0	0	10	10	10	0	10	
			•							
						 	. Jank		. 16	HIF-1α
		++++			a.					mir-ia
	DBM (μM) Zn ²⁺ (μM)	DBM (μM) 0 Zn ²⁺ (μM) 0	DBM (μM) 0 100 Zn ²⁺ (μM) 0 0	DBM (μM) 0 100 0 Zn ²⁺ (μM) 0 0 50	DBM (μM) 0 100 0 100 Zn ²⁺ (μM) 0 0 50 50	DBM (μM) 0 100 0 100 0 Zn ²⁺ (μM) 0 0 50 50 0	DBM (μM) 0 100 0 100 0 0 Zn ²⁺ (μM) 0 0 50 50 0 50	DBM (μM) 0 100 0 100 0 0 100 Zn ²⁺ (μM) 0 0 50 50 0 50 0	DBM (μM) 0 100 0 100 0 0 100 100 Zn ²⁺ (μM) 0 0 50 50 0 50 0 50	DBM (μM) 0 100 0 100 0 100 100 100 2n ²⁺ (μM) 0 0 50 50 0 50 0 50

FIG. 18

RCC-4 Cells	Lanes	1	2	3	4	5	Normoxia
•	DBM (μM)	0	0	0	100	100	
	Zn^{2+} (μ M)	0	0	50	50	50	
	MG-132 (μM)	0	10	0	0	10	
							HIF-1α

FIG. 19

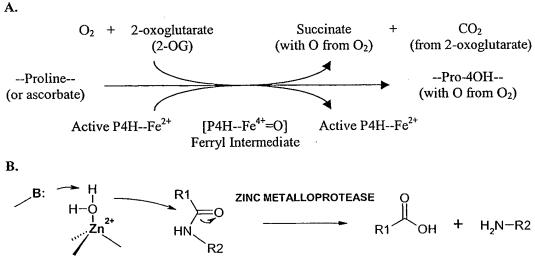


FIG. 20

D.

Asp¹¹⁸

10/10

FIG. 21